



Berkshire County Council.

PUBLIC
HEALTH REPORT

FOR THE YEAR

1918.

COMPILED BY
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County Medical Officer of Health



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TO THE CHAIRMAN AND MEMBERS OF THE PUBLIC HEALTH AND HOUSING
COMMITTEE OF THE BERKSHIRE COUNTY COUNCIL.

The feature of outstanding note in all the District Reports for 1918, was the severe and extensive outbreak of influenza, which was, in fact, part of a world-wide epidemic.

The issue of the Annual Report for the County has been unavoidably delayed owing to the calls of more immediately urgent work, and the Report now presented is little more than a record of statistics and work in progress, recommendations with regard to future policy having been already referred to the Committees concerned.

I wish to express my sincere appreciation of the Council's action in keeping open my post during the years I was absent on military service, and also my great indebtedness to Dr. Sisam for the generous manner in which he carried out the work of County Medical Officer of Health and School Medical Officer, in addition to his own duties as Medical Officer of Health of the West Berkshire United Sanitary Districts.

At one time or another during the War, all the old members of my office staff were absent on service and it became quite impracticable to maintain continuity of many of the office records. Since my return in February, 1919, the work of re-organizing the office has been seriously handicapped by the resignation of my Chief Clerk, Mr. E. O. Gerrard. He had been in charge since May, 1908 and had carried out his duties with zeal and ability, but, owing to ill health, was compelled to give up work early last year and to take a prolonged rest and change. By now the usual office routine is fairly re-established, though the continual growth of the work, due to additional duties, must inevitably necessitate increased staff and accommodation at an early date.

GERARD C. TAYLOR,
County Medical Officer of Health.

*Shire Hall,
The Forbury, Reading.
March, 1920.*

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BERKSHIRE COUNTY COUNCIL.

PUBLIC HEALTH OFFICE.

Shire Hall, The Forbury, Reading. (Tel. 1043 Reading).

COUNTY MEDICAL OFFICER OF HEALTH.

GERARD C. TAYLOR, O.B.E. ; M.A. ; M.D. Cantab. ; D.P.H. ; Camb.

TUBERCULOSIS OFFICER.

A. RICHMOND, M.C., M.B., B.Ch. Vict., D.P.H., Camb.

MEDICAL OFFICERS OF HEALTH

OF THE SANITARY DISTRICTS IN BERKSHIRE, 1920.

NAMES AND ADDRESSES.	DISTRICTS.
ASHBY, ALFRED, M.B., Lond., F.R.C.S., Eng. Municipal Buildings, Valpy Street, Reading (Tel. 331 Reading).	Wokingham Urban and Rural.
CROFTS, ARTHUR D., M.R.C.S., L.R.C.P., Lond., L.D.S., R.C.S. 9, High Street, Windsor (Tel. 334 Windsor).	New Windsor Urban.
PATERSON, JAMES J., B.Sc., M.D., B.S., Lond., D.P.H., R.C.P.S., Lond. Guildhall, Maidenhead (Tel. 64 Maidenhead).	East Berks United Districts, viz., Maidenhead Urban : Cook- ham, Easthampstead and Windsor Rural.
SISAM, W., B.Sc., M.D., Birm., D.P.H. Camb. Bank Chambers, Cross Street, Reading (Tel. 647 Reading).	West Berks United Districts, viz., Abingdon, Newbury, Walling- ford and Wantage Urban ; Abingdon, Bradfield, Hunger- ford, Newbury, Wallingford, and Wantage Rural.
SISAM, W.	Faringdon Rural.

DATES OF RECEIPT OF ANNUAL REPORTS FOR THE YEAR 1918.

New Windsor Urban District	...	...	...	...	May 16th, 1919.
West Berks United Districts	..	...	...	...	June 27th, 1919.
East Berks United Districts	..	...	...	..	July 31st, 1919
Faringdon Rural District	...	...	...	...	Aug. 9th, 1919.
Wokingham Urban District	..	...	...	...	Dec. 22nd, 1919.
Wokingham Rural District	..	...	...	...	Dec 29th, 1919.

SANITARY INSPECTORS.

BERKSHIRE, 1920.

NAMES AND ADDRESSES.					URBAN DISTRICTS.
HALL, RAPHAEL V.,	...	..	...	...	Abingdon Borough.
Borough Buildings, Abingdon.					
HARDING, W. E.,	...	..	...	...	Maidenhead Borough.
Guildhall, Maidenhead.					
VINCENT, S. J. F.,	...	...	...	...	Newbury Borough.
Town Hall, Newbury.					
MELLOWS, S. W.,	...	...	..	...	New Windsor Borough.
16, Alma Road, Windsor.					
GRAY, A. G.,	...	...	...	..	Wallingford Borough.
Benson, near Wallingford.					
GREEN, GEO.,	...	...	...	...	Wantage.
Town Hall, Wantage.					
MARKS, C. W.,	...	...	...	...	Wokingham Borough.
Town Hall, Wokingham.					
					RURAL DISTRICTS.
ASMAN, F. W.,	...	...	...	...	Abingdon.
9, Bath Street, Abingdon.					
WINDLE T. HAROLD,	..	...	.	...	Bradfield.
3, Harda Villas, Thames Avenue, Pangbourne.					
COLEMAN, W. J.,	...	..	...	...	Cookham.
1, Park Street, Maidenhead.					
YORKE, C.,	...	...	...	...	Easthampstead.
Council Offices, High Street, Bracknell.					
BERESFORD, J. J.,	...	...	...	...	Faringdon.
Sanitary Inspector, Bromsgrove Place, Faringdon.					
RAINE, W. S.,	...	..	...	...	Hungerford.
Salisbury Road, Hungerford.					
EVERSHED, S. J.,	...	...	...	...	Newbury.
Essex Street, Washcommon, Newbury.					
LAY, R. B.,	...	...	...	...	Wallingford.
Sotwell, Wallingford.					
WESTBROOK, E. R.,	...	..	...	...	Wantage.
South View Villas, East Challow.					
BURCH, E. A.,	...	...	..	...	Windsor.
Sunningdale, Ascot.					
TEBBITT, S.,	...	...	...	...	Wokingham.
Forest Lodge, Wokingham.					

ADMINISTRATIVE COUNTY OF BERKSHIRE.

AREA AND POPULATION.

The area of the Administrative County is 454,728 acres, of which 2,866 acres are covered with water. The total acreage and the distribution of land and water in the various districts is given in the following table.

		Acreage.			Population.		
		Land.	Water.	Total.	Census, 1911.	Estimate 1918.	
						For Birth-Rate.	For Death-Rate.
URBAN DISTRICTS.							
1	Abingdon Borough *	701	27	728	6,809	6,844	6,108
2	Maidenhead Borough	2,095	30	2,125	15,219	16,896	15,080
3	Newbury Borough	1,804	24	1,828	12,107	12,628	11,270
4	New Windsor Borough	2,656	61	2,717	12,681	12,755	11,384
5	Wallingford Borough	372	8	380	2,716	2,673	2,386
6	Wantage	2,471	7	2,478	3,628	3,663	3,269
7	Wokingham Borough	557	0	557	4,352	4,545	4,056
Total ...		10,656	157	10,813	57,512	60,004	53,553
RURAL DISTRICTS.							
1	Abingdon ...	42,009	201	42,210	9,250	9,888	8,825
2	Bradfield* ...	52,542	336	52,878	14,349	13,862	12,372
3	Cookham ...	27,428	373	27,801	12,311	12,538	11,190
4	Easthampstead ...	26,897	136	27,033	17,548	16,537	14,759
5	Faringdon† ...	55,469	257	55,726	11,075	9,930	8,862
6	Hungerford ...	44,664	152	44,816	9,007	8,288	7,397
7	Newbury ...	42,060	328	42,388	10,757	10,097	9,904
8	Wallingford ...	22,055	97	22,152	7,245	6,663	5,947
9	Wantage... ...	74,427	73	74,500	12,025	11,494	10,258
10	Windsor	10,339	228	10,567	15,370	14,953	13,345
11	Wokingham ...	43,316	528	43,844	16,652	17,349	15,484
Total ...		441,206	2,709	443,915	135,589	132,599	118,343
Administrative County*†		451,862	2,866	454,728	193,101	192,603	171,896

* Not including portion incorporated in Borough of Reading, November, 1911.

† Not including Lechlade (Gloucestershire) Parish of Faringdon Rural District, which has an area of 3,870 acres, and a population of 1,167 persons (Census, 1911).

For 1918, two estimates of population for each sanitary district have been furnished by the Registrar General: "The one marked 'death-rate' is the estimate of the civilian population of the district in 1918, and is used for the calculation of the (civilian) death-rate; the other, used for the calculation of the birth-rate, is an estimate of the total population, based on the assumption that the ratio between total and civilian population is the same in the district as in England and Wales as a whole."

BIRTH-RATE.
(PER 1,000 OF THE POPULATION).

				Average Rate, 1908-1917.	Rate, 1918.*	Number of Births 1918
URBAN DISTRICTS.						
1	Abingdon Borough	...	..	19.48	15.34	105
2	Maidenhead Borough	...	..	20.32	13.91	235
3	Newbury Borough	..	..	17.74	14.18	179
4	New Windsor Borough	...	...	20.30	17.17	219
5	Wallingford Borough	..	..	19.21	15.33	41
6	Wantage	...	..	20.55	16.10	59
7	Wokingham Borough	...	..	18.53	14.30	65
RURAL DISTRICTS.						
1	Abingdon	..	...	20.85	14.05	139
2	Bradfield	...	...	17.61	12.90	179
3	Cookham	...	...	18.86	15.64	196
4	Easthampstead	...	..	18.06	14.21	235
5	Faringdon (Berks)	...	...	22.29	15.50	154
6	Hungerford	...	...	21.52	16.23	135
7	Newbury	...	..	17.12	12.89	143
8	Wallingford	...	...	19.83	16.50	110
9	Wantage	...	...	20.52	15.31	176
10	Windsor	...	...	19.03	15.11	226
11	Wokingham	...	...	19.03	16.26	282
Urban Districts				19.49	15.05	903
Rural Districts				17.52	14.91	1,975
County				18.10	14.94	2,878

The average birth-rate in the County as a whole during the ten years, 1908 to 1917, was only 18.10, whilst the rate in 1918 was 14.94 per 1,000 of population. Of the various Districts, Faringdon Rural still shows the highest average rate, i.e., 22.29, but its rate for 1918 had fallen to 15.50, and this was exceeded by five of the other districts.

* Per 1,000 of Estimated Population. See note p. 8.

NET DEATH-RATE.
(PER 1,000 OF POPULATION).

				Average Rate, 1908-1917.	Rate, 1918.*	Number of Deaths 1918
URBAN DISTRICTS.						
1	Abingdon Borough	...	...	13.82	19.80	121
2	Maidenhead Borough	...	...	12.83	14.71	222
3	Newbury Borough	...	...	13.75	18.47	208
4	New Windsor Borough	...	...	13.39	14.76	167
5	Wallingford Borough	...	...	14.71	17.60	42
6	Wantage	...	...	13.27	19.27	63
7	Wokingham Borough	...	...	14.71	16.51	67
RURAL DISTRICTS.						
1	Abingdon	...	...	12.68	17.67	156
2	Bradfield	...	...	11.68	15.43	191
3	Cookham	...	...	11.64	12.42	137
4	Easthampstead	...	...	10.67	15.18	224
5	Faringdon (Berks)	...	...	13.75	15.45	137
6	Hungerford	...	...	12.85	17.70	131
7	Newbury	...	...	12.81	16.35	162
8	Wallingford	...	...	11.71	13.45	80
9	Wantage	...	...	13.15	15.90	163
10	Windsor	...	...	11.90	15.09	213
11	Wokingham	...	...	12.36	14.72	228
Urban Districts				15.81	16.61	890
Rural Districts				13.78	15.40	1,822
County				14.91	15.78	2,712

* Rate per 1,000 of estimated civil population, see note page 8.

CORRECTION OF DEATH-RATES FOR DIFFERENCES IN
THE AGE AND SEX CONSTITUTION OF POPULATION.

It has been customary to insert a table of the death-rates of the County and of the constituent districts standardized to compensate for differences in the age and sex constitution of the various populations, but since 1914 the factors for correction have not been available.

INFANTILE MORTALITY.

By *Rate of Infantile Mortality* is understood the ratio of the annual number of deaths of infants under one year of age to every thousand births during the same period.

				Average Rate, 1908-1917.	Rate, 1918.	Number of Deaths 1918.
URBAN DISTRICTS.						
1	Abingdon Borough	...	...	35.15	38.09	4
2	Maidenhead Borough	...	...	87.64	89.35	21
3	Newbury Borough	..	..	76.09	61.45	11
4	New Windsor Borough	...	...	78.42	68.49	15
5	Wallingford Borough	...	...	59.96	97.56	4
6	Wantage	...	...	73.26	135.59	8
7	Wokingham Borough	...	...	73.61	76.92	5
RURAL DISTRICTS.						
1	Abingdon	...	...	75.87	129.49	18
2	Bradfield	...	...	63.49	61.45	11
3	Cookham	...	...	67.15	51.02	10
4	Easthampstead	...	...	66.21	72.34	17
5	Faringdon (Berks)	...	...	71.92	38.96	7
6	Hungerford	...	..	71.42	44.44	6
7	Newbury	...	...	75.83	62.93	9
8	Wallingford	...	..	65.35	72.72	8
9	Wantage	...	...	64.81	68.18	12
10	Windsor ..	...	...	61.79	84.07	19
11	Wokingham	...	...	67.10	42.55	12
Urban Districts				79.39	73.08	68
Rural Districts				68.11	65.30	129
County				71.68	68.44	197

Since 1896, the rate of infantile mortality in this County, though subject to annual fluctuations of considerable range, has shown on the whole a steady fall. The quinquennial rates were 107 for 1896-1900, 90 for 1901-1905, 78 for 1906-1910, and 71 for 1911-1915, while the combined rate for the two years 1916 and 1917 was 67.

The rate of infantile mortality in England and Wales during 1918 was 97.

In the 96 great towns, 106. In London, 107.

In the 148 smaller towns, 94.

MATERNITY AND CHILD WELFARE.

By the middle of 1918 arrangements were made for carrying out a scheme of Maternity and Child Welfare work in those parts of the Administrative County not already covered by independent municipal or voluntary action, and shortly afterwards a commencement had been made throughout the greater part of the county.

The arrangements now sanctioned by the Berkshire County Council provide for:—

1. Home visitation of
 - (a) Expectant mothers.
 - (b) Infants and children under school age.
2. Hospital accommodation for lying-in.
3. Grants to Nursing Associations providing midwives or monthly nurses.
4. Payment of midwives in necessitous cases.
5. Treatment in Convalescent Homes of children under school age.
6. Extra nourishment for expectant and nursing mothers and children under school age, if necessitous.
7. Maternity and Infant Welfare Centres and Clinics.

In areas where there are nurse-midwives working for the County Nursing Association the Health Visiting is done by these women, and their Superintendent reports to me each week. Whole-time Health Visitors have been appointed by the County Council for the greater portion of the remainder of the County, and others will be appointed later.

The Maidenhead, Newbury and New Windsor Borough schemes have each been established several years, and comprise systematic home visiting and medical consultations at a centre.

In the remainder of the County there are six Infant Welfare Centres managed by voluntary committees, at each centre a medical officer holds a clinic, usually twice a month; the centre may be opened weekly for other welfare purposes.

In the case of Crowthorne and Sandhurst, a special Health Visitor has been appointed by the local committee, elsewhere, the home visiting in connection with the centre is carried out by the County whole-time Visitors, or by the District Nurses.

DEATHS FROM PHTHISIS.

(Pulmonary Tuberculosis).

				Average for 10 years 1908-17.		1918.	
				No. of Deaths.	Rate.	No of Deaths.	Rate.*
URBAN DISTRICTS.							
1	Abingdon Borough	...	...	6.4	.96	9	1.47
2	Maidenhead Borough	...	...	15.1	.99	15	.99
3	Newbury Borough	...	..	10.2	.85	15	1.33
4	New Windsor Borough	...	...	9.8	.79	15	1.31
5	Wallingford Borough	...	...	2.5	.95	5	2.09
6	Wantage	...	...	3.8	1.08	4	1.22
7	Wokingham Borough	...	..	3.9	.91	5	1.23
RURAL DISTRICTS.							
1	Abingdon	...	..	9.0	.98	13	1.47
2	Bradfield	...	...	11.0	.73	15	1.21
3	Cookham	..	...	7.4	.61	8	.71
4	Easthampstead	...	..	8.4	.50	14	.94
5	Faringdon (Berks)	...	...	6.4	.60	11	1.24
6	Hungerford	...	...	5.9	.79	8	1.08
7	Newbury	...	...	7.5	.71	9	.90
8	Wallingford	...	...	4.2	.60	9	1.51
9	Wantage	...	...	9.3	.79	5	.48
10	Windsor	...	...	13.8	.92	26	1.94
11	Wokingham	...	...	13.2	.81	32	2.06
Urban Districts				51.6	.89	68	1.26
Rural Districts				96.1	.72	150	1.26
County				147.7	.74	218	1.26

* Rate per 1,000 of estimated civil population. See note p. 8.

The average annual mortality from phthisis (pulmonary tuberculosis) in the Berkshire Registration County, which includes the Borough of Reading, was 2.37 per 1,000 of population during the decennial period 1861-70. Since then the mortality from phthisis in the same area has steadily declined to about 1 per 1,000 of population, and a similar fall in the rate of mortality has taken place in England and Wales as a whole.

PREVENTION AND TREATMENT OF TUBERCULOSIS.

For the following notes regarding the recent developments of the county scheme I am indebted to Dr. Esther Carling, who acted as Tuberculosis Officer (in addition to her duties as Medical Superintendent of the Berks and Bucks Joint Sanatorium at Peppard Common) during Dr. Richmond's absence on military duty.

The Hospital and Sanatorium beds at Abingdon and Peppard have been constantly full throughout the year; the opening of the extra four beds in each place was delayed by building difficulties, but the work was approaching completion at the end of the year.

Dispensaries.—In addition to the dispensaries already established, new calling centres were opened at Wokingham and Faringdon.

A difficulty arose at Windsor as the Military Authorities claimed the Hall in which the dispensary was held, and no other suitable premises could be found. An ex-patient lent rooms in his house for a time, but no permanent quarters could be found. The dispensaries, with the exception of Reading, Abingdon and Maidenhead, are held in private quarters and have therefore no security of tenure. This arrangement is unsatisfactory as the work of the dispensaries is steadily growing and should not be subject to interruption.

The number of visits paid by patients at the dispensaries and calling stations was as follows :—

Total 2,473. (Total for 1917=1,392). Wantage, 450; Reading, 406; Newbury, 406; Wokingham (10 months), 330; Windsor, 295; Maidenhead, 268; Abingdon, 233; Faringdon (8 months), 85.

The only direct treatment given was the provision of Cod Liver Oil and Malt. During the strict rationing of fats and shortage of milk, this has been most valuable to the weakly children of the County threatened with tubercular disease.

The three Health Visitors appointed for infant welfare work took over the tuberculosis visiting in their respective areas, Wokingham, Wantage and Abingdon. Three thousand, one hundred and twenty-two (3,122) visits were made to patients in their homes by the County's staff of Health Visitors, and about 500 by the acting Tuberculosis Officer.

The influenza epidemics of July and November had a serious effect on the tuberculous population—by lighting up disease which had become quiescent.

Considerable difficulty occurred in getting accommodation for cases of surgical tuberculosis; one adult patient was waiting for a year for a bed at Margate, and at the end of that time was unsuitable for admission. Ex-soldiers have been re-admitted to Military hospitals and the most urgent cases in children have been taken at Alton, but for several others it has not been possible to find accommodation. Young adults (over 12) present the greatest difficulty.

One hundred and sixty specimens of sputum were examined, 29 giving positive results.

Insured Persons—The Berkshire Insurance Committee received 130 applications for "Sanatorium Benefit." Of the 130 applicants, 81 were sent to Sanatoria, 124 received domiciliary treatment, extra nourishment, etc., 21 insured persons were provided with shelters. Two of the applicants were ineligible, and in four cases Sanatorium Benefit was not recommended.

Uninsured Persons.—Fifty-seven adult patients and 6 children were sent to the two County Sanatoria, and in addition 65 children were sent to the Sanatorium School. Four children were sent to Lord Mayor Treloar's Cripples' Hospital and College at Alton for surgical treatment. One child attended the London Hospital for Finsen Light treatment, and one child attended Guy's Hospital for treatment for lupus

Shelters were lent to 30 uninsured persons.

DEATHS FROM TUBERCULOUS DISEASES OTHER THAN
PHTHISIS.

				Average for 10 years 1908-1917.		1918.	
				No. of Deaths.	Rate.	No. of Deaths.	Rate.*
URBAN DISTRICTS.							
1	Abingdon Borough	...	..	2.5	.37	2	.32
2	Maidenhead Borough	...	...	4.3	.28	1	.06
3	Newbury Borough	...	...	4.5	.38	...	...
4	New Windsor Borough	...	..	4.0	.32	1	.08
5	Wallingford Borough	...	...	.6	.22	...	...
6	Wantage	...	..	1.4	.40	1	.30
7	Wokingham Borough	..	...	1.3	.30	...	...
RURAL DISTRICTS.							
1	Abingdon	...	...	2.3	.25	2	.22
2	Bradfield	...	...	2.5	.16	1	.08
3	Cookham	...	...	2.6	.21	1	.08
4	Easthampstead	...	...	3.1	.18	2	.13
5	Faringdon (Berks)	...	...	3.5	.32	...	...
6	Hungerford	...	...	1.8	.20	2	.27
7	Newbury	...	...	1.8	.17	...	...
8	Wallingford	..	...	.6	.08	...	...
9	Wantage	...	...	3.3	.27	3	.29
10	Windsor	...	...	5.1	.40	5	.37
11	Wokingham	...	...	3.3	.20	6	.38
Urban Districts				18.7	.33	5	.09
Rural Districts				29.9	.22	22	.18
County				48.6	.25	27	.15

* Rate per 1,000 of estimated civil population. See note page 8.

From Table 5 (Notifications of Infectious Disease) it will be seen that 868 notifications were received during 1918 by the Local Medical Officers of Health. 327 notifications were of patients suffering from pulmonary tuberculosis and 41 were of patients suffering from tuberculosis other than pulmonary. These figures include patients who have been notified on more than one occasion and I, therefore, append the following table of primary notifications from 1913 to 1918.

PRIMARY NOTIFICATIONS OF TUBERCULOUS DISEASE.

	Pulmonary.	Other.	Total.
1913	342	82	424
1914	254	61	315
1915	244	45	289
1916	194	54	248
1917	256	55	311
1918	263	44	307

DEATHS FROM CANCER.

				Average for 10 years 1908-1917.		1918.	
				No. of Deaths.	Rate.	No. of Deaths.	Rate.*
URBAN DISTRICTS.							
1	Abingdon Borough	...	...	10 7	1.61	10	1.63
2	Maidenhead Borough	...	...	15.8	1.04	18	1.19
3	Newbury Borough	...	...	15.0	1.26	26	2.30
4	New Windsor Borough	...	...	15 8	1.28	23	2.10
5	Wallingford Borough	...	...	4.0	1 52	3	1.25
6	Wantage	...	...	3.6	1.02	3	.91
7	Wokingham Borough	...	...	6.4	1.50	6	1 47
RURAL DISTRICTS.							
1	Abingdon	...	...	10.3	1.12	15	1.69
2	Bradfield	...	...	18.1	1 21	20	1 61
3	Cookham	...	...	15 3	1.51	12	1.07
4	Easthampstead	...	...	17.2	1.03	18	1.22
5	Faringdon (Berks)	...	...	13.4	1.26	19	2.14
6	Hungerford	...	...	9.7	1.12	12	1.62
7	Newbury	...	...	12.9	1.22	24	2.42
8	Wallingford	...	...	6 6	.95	7	1.17
9	Wantage	...	...	15.6	1 33	20	1.95
10	Windsor	...	...	18.1	1.20	24	1.79
11	Wokingham	...	...	21 1	1.30	26	1.67
Urban Districts				71.6	1.27	89	1.66
Rural Districts				158.3	1.19	197	1.66
County...				229.9	1.21	286	1.66

* Per 1,000 of estimated civil population. See note page 8.

It is necessary to point out that the death-rate from cancer in 1918 being calculated upon the *civil* population is somewhat higher than if calculated upon the whole population, as men of military age are almost immune from this class of disease.

EPIDEMIC DEATH-RATE, 1918.
(PER 1,000 OF ESTIMATED CIVIL POPULATION).

Prior to 1910 the diseases grouped together in the Registrar General's Annual Summary under the term "Principal Epidemic Diseases," were smallpox, measles, scarlet fever, whooping cough, diphtheria, "fever" (including typhus, enteric, and simple continued fever), and diarrhœa. In 1910 enteric fever was substituted for the heading "fever," and in the Annual Summaries for 1911 and subsequent years the mortality figures for these diseases considered as a group, have been omitted. Another alteration which was made in the Summary for 1911 was the substitution of deaths from diarrhœa and enteritis under 2 years for deaths from diarrhœa at all ages, and in the Annual Summaries since 1912, the mortality figure for diarrhœa and enteritis calculated upon the population of all ages is not given, but a rate per 1,000 births.

For purposes of comparison it is convenient to group the commoner epidemic diseases in a single table, and for the same reason I have given the total epidemic death-rate for each District.

	Principal Epidemic Diseases.	Small- pox.	Measles	Scarlet Fever.	Diph- theria.	Whoop- ing Cough.	Enteric Fever.	Diarrhœa and Enteritis (under 2 years).
URBAN DISTRICTS.								
1 Abingdon Borough ..	.16	...	...	...	.16	...	...	..
2 Maidenhead Borough ...	.66	...	.06	...	...	.46	...	.13
3 Newbury Borough...	.35	..	.08	...	...	.08	...	.17
4 New Windsor Borough ...	.26	...	...	...	...	.17	..	.08
5 Wallingford Borough ...	.83	...	..	...	...	.83	..	...
6 Wantage... ..	1.20	...	...	...	.61	.30	...	.30
7 Wokingham Borough ...	...	...	..	...	...	...	...	...
RURAL DISTRICTS.								
1 Abingdon	1.13	...	.33	...	.45	.11	.11	.11
2 Bradfield ... ..	.40	...	.08	...	...	.08	.16	.08
3 Cookham ... ..	.71	...	.26	...	.08	.17	.08	.08
4 Easthampstead ... ..	.54	...	.13	...	...	.33	...	.06
5 Faringdon (Berks) ... ..	.90	...	.33	...	.22	...	...	.33
6 Hungerford	1.35	..	.54	...	.13	.67	...	...
7 Newbury ... ..	.10	...	...	...	...	.10	...	...
8 Wallingford ... ..	.33	...	...	...	...	.16	.16	...
9 Wantage ... ..	.97	...	.39	..	.09	.48	...	...
10 Windsor ... ..	.82	...	.14	.07	.07	.37	.07	.07
11 Wokingham .. ..	.12	...	...	...	...	.06	...	.06
Urban Districts .. ..	.44	...	.03	...	.05	.24	...	.11
Rural Districts ... ..	.63	...	.18	.01	.08	.22	.05	.07
County ... ..	.57	..	.14	.01	.07	.23	.03	.08
† { England and Wales								
† { 96 Great Towns (inc. Lon.)								
† { 148 Smaller Towns								
	Not Stated	0.00	0.28	0.03	0.14	0.29	.03	Not Stated.
	...	...	.36	.04	.15	.34	.02	
	...	...	.25	.02	.14	.25	.03	

† From the Annual Summary of the Registrar-General.

EPIDEMIC MORTALITY DURING TEN YEARS, 1908-1917.

TOTAL NUMBER OF DEATHS.										DEATH-RATE PER 1,000 OF POPULATION							
	Principal Epidemic Diseases.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping Cough.	Enteric Fever	Diarrhoea.*		Principal Epidemic Diseases.	Small-pox.	Measles.	Scarlet Fever.	Diphtheria	Whooping Cough.	Enteric Fever.	Diarrhoea.*
<i>Urban Districts.</i>																	
1	38	...	13	...	5	8	...	12		.57	...	.19	..	.07	.12	...	.18
2	140	...	29	6	34	31	4	36		.92	...	.19	.63	.22	.20	.02	.23
3	59	...	6	3	25	8	3	14		.49	...	.05	.02	.21	.06	.02	.11
4	91	...	37	1	6	13	2	32		.74	...	.30	.01	.04	.10	.01	.26
5	10	...	2	...	4	2	..	2		.38	...	.07	..	.15	.07	...	.07
6	27	..	4	1	8	8	2	4		.76	...	.11	.02	.22	.22	.05	.11
7	25	...	4	1	6	5	1	8		.48	...	.07	.02	.14	.11	.02	.18
<i>Rural Districts.</i>																	
1	43	...	10	1	10	11	3	8		.46	...	.10	.01	.10	.12	.03	.08
2	63	...	6	2	9	14	1	31		.42	...	.04	.01	.06	.09	.01	.20
3	68	...	9	3	28	16	3	9		.56	...	.07	.02	.23	.13	.02	.07
4	82	...	9	7	15	24	...	27		.49	...	.05	.04	.09	.14	...	.16
5	49	...	8	9	5	12	1	14		.46	...	.07	.08	.04	.11	.01	.13
6	40	...	5	...	9	14	2	10		.46	...	.05	..	.10	.16	.02	.11
7	42	...	5	1	9	17	2	8		.40	...	.04	.01	.08	.16	.01	.07
8	35	...	3	2	7	9	1	13		.50	...	.04	.02	.10	.12	.01	.18
9	46	...	8	2	11	11	5	9		.39	...	.06	.01	.09	.09	.04	.07
10	95	...	36	4	5	25	...	25		.63	...	.24	.02	.03	.16	...	.16
11	65	...	15	...	18	14	3	15		.40	...	.09	...	.11	.08	.01	.09
<i>Urban Districts</i>																	
	390	...	95	12	88	75	12	108		.69	...	.16	.02	.15	.13	.02	.19
<i>Rural Districts</i>																	
	628	...	114	31	126	167	21	169		.47	...	.08	.02	.09	.12	.01	.12
<i>County</i>																	
	1,018	...	209	43	214	242	33	277		.54	...	.11	.02	.11	.12	.01	.14

* In 1911 and subsequent years, deaths from Diarrhoea at ages above 2 years have been excluded, but deaths from Enteritis under 2 years have been included.

CASE MORTALITY.

i.e., RATIO OF DEATHS TO NOTIFICATIONS.

			No. of Notifications		No. of Deaths.		Ratio per cent.	
			Ten years, 1908-1917.	1918.	Ten years, 1908-1917.	1918.	Ten years, 1908-1917.	1918.
<i>Urban Districts.</i>								
Smallpox	..	...	1	...	...	..	...	...
Scarlet Fever	...	...	1,462	82	12	...	.82	...
Diphtheria	...	...	817	66	88	3	10.77	4.54
Enteric Fever	...	...	62	1	12	...	19.35	..
Puerperal Fever*	...	...	23	1	11	2	47.82	...
Erysipelas	..	...	241	13	10	..	4.14	...
<i>Rural Districts.</i>								
Smallpox	...	...	...	...	...	...	..	..
Scarlet Fever	...	..	2,573	137	31	1	1.20	.72
Diphtheria	...	...	1,094	104	128	10	11.70	9.61
Enteric Fever	...	...	179	15	22	6	12.30	40.
Puerperal Fever*	...	...	67	4	24	1	35.82	25.
Erysipelas	...	..	410	15	20	1	4.90	6.66
<i>County.</i>								
Smallpox	...	...	1	...	...	...	...	...
Scarlet Fever	..	...	4,035	219	43	1	1.06	.45
Diphtheria	...	...	1,911	170	214	13	11.20	7.64
Enteric Fever	...	...	241	16	34	6	13.70	37.50
Puerperal Fever*	...	...	90	5	35	3	38.90	60.
Erysipelas	...	...	651	28	30	1	4.60	3.57

* On examining the Notification and Mortality Tables for the past eleven years, it appears that several cases of puerperal fever and one case of enteric fever, which proved fatal, were never "notified"; where this has obviously occurred an addition has been made for the purpose of this Table to the number of notifications given in the District Reports, and the figures thus corrected are given above.

SMALLPOX.

No case of smallpox was notified during the past seven years, and only one case in 1911. Prior to this no case of smallpox had been notified in Berkshire since 1905, when there was one case. In 1904 no case was notified. The number in 1903 was 13, and in 1902, 33.

MEASLES AND GERMAN MEASLES.

In accordance with the provisions of the Public Health (Measles and German Measles) Regulations, 1915, the notification of both measles and German measles became compulsory from 1st January, 1916, and remained in force until 31st December, 1919, from which date it was rescinded.

During the year, 1,567 cases of Measles and 100 of German Measles were notified, compared with 1,518 and 1,136 respectively in 1917.

DIPHTHERIA.

The number of cases notified during 1918 was 170; the average in the preceding ten years was 191.

In the Administrative County the rate of incidence for the 52 weeks ending December 28th, 1918 was .98 per 1,000 of estimated population; this rate compares favourably with that of 1.31 for the aggregate of English and Welsh Administrative Counties (London excluded).

The distribution of the cases amongst the various districts is set out on page 24 of this report.

SCARLET FEVER (SCARLATINA).

The number of cases notified during 1918 was 219; the average in the preceding ten years was 403. In the Administrative County the rate of incidence for the 52 weeks ending December 28th, 1918, was 1.29 per 1,000 of estimated population; the corresponding rate for the aggregate of English and Welsh Administrative Counties (London excluded) was 1.44.

The distribution of the cases amongst the various districts is set out on page 24 of this report.

ENTERIC (TYPHOID) FEVER.

The number of cases notified during 1918 was 16, the average in the preceding ten years was 24. In the Administrative County the rate of incidence for the 52 weeks ending December 28th, 1918, was .09 per 1,000 of estimated population; the corresponding rate for the aggregate of English and Welsh Administrative Counties (London excluded) was .13.

The distribution of the cases amongst the various districts is set out on page 24 of this report.

CEREBRO-SPINAL FEVER (CEREBRO-SPINAL MENINGITIS.)

This disease was made compulsorily notifiable as from September 1st, 1912. Up to the end of 1914 only one case had been notified, but 23 cases, 18 of which were fatal, were notified during 1915, 10, including 8 fatal cases, during 1916, 11, including 5 fatal cases in 1917, and 6, including 4 fatal cases in 1918; one other death was certified during 1918 as due to cerebro-spinal fever, but the case was not notified.

INFLUENZA.

During 1918, 514 deaths were certified as due to Influenza, the average number in the preceding 10 years was 39.

The severe epidemic of 1918 was of world-wide distribution and a high rate of mortality, due to pneumonia, appears to have been generally recorded. The last pandemic of influenza occurred in 1889-90.

DIARRHŒA.

During the ten years 1908 to 1917 the average number of deaths under two years of age from diarrhoeal diseases was 28 per annum in the whole County, giving a rate of $\cdot 14$ per 1,000 of estimated population. In 1918 there were 23 deaths.

PUERPERAL FEVER.

Five cases were notified compared with an average of eight during the preceding ten years.

The distribution of the cases is given in Table 3 at the end of this Report.

In the Administrative County the rate of incidence for the 52 weeks ending December 28th, 1918, was 0.02 per 1,000 of estimated population. The corresponding rate for the aggregate of English and Welsh Administrative Counties (London excluded) was 0.04.

ERYSIPELAS.

Twenty-eight cases of this disease were notified during 1918, the average number of notifications during the preceding ten years was sixty-five.

The distribution of the cases is given in Table 3 at the end of this Report.

In the Administrative County the rate of incidence for the 52 weeks ending December 28th, 1918, was 0.16 per 1,000 of estimated population. The corresponding rate for the aggregate of English and Welsh Administrative Counties (London excluded) was 0.37.

TUBERCULOUS DISEASES.

These have been referred to earlier in the Report, page 13, *et seq.*

OPHTHALMIA NEONATORUM.

Ophthalmia Neonatorum (inflammation of the eyes of newly-born infants) was made compulsorily notifiable from 1st April, 1914.

During the year 1918 twenty-six cases were notified in the County, compared with nineteen cases in the previous year, twenty-one in 1916, and thirteen in 1915.

ACUTE POLIOMYELITIS.

The notification of this disease became compulsory from September 1st, 1912. One case was notified in 1912, two in 1913, one in 1914, none in 1915, and five in 1916. There were no cases notified during 1917, although one

death from the disease was recorded. In 1918 two cases were notified.

MILITARY CASES OF INFECTIOUS DISEASE.

Cases of infectious disease occurring among the military are not included in the above notes nor in Table 3. The following military cases were notified during the year:—

Newbury Borough—Scarlet Fever, 2; Pulmonary Tuberculosis, 1.

Newbury Rural—Pulmonary Tuberculosis, 2.

Wallingford Rural—Pulmonary Tuberculosis, 1.

Wokingham Rural—Measles, 1.

VENEREAL DISEASES.

Arrangements made by the Berkshire County Council include free treatment at centres established by the Royal Berkshire Hospital and the Radcliffe Infirmary. At each institution the centre is open on two afternoons and two evenings a week, the days and hours having been chosen to suit the convenience of the majority of patients.

The hours arranged for 1920 are as follows:—

ROYAL BERKSHIRE HOSPITAL, READING.

MEN.—Wednesdays 2 p.m. Saturdays 5 p.m.

WOMEN.—Wednesdays 5 p.m. Saturdays 3 p.m.

THE RADCLIFFE INFIRMARY, OXFORD.

MEN.—Wednesdays 6 p.m. Saturdays 3 p.m.

WOMEN.—Mondays 6 p.m. Wednesdays 3 p.m.

Specimens are examined at the Pathological Laboratory of the Royal Berkshire Hospital and the Radcliffe Infirmary for the purpose of diagnosis and of judging the effects of treatment. Salvarsan, or its substitutes, is supplied from the treatment centres to medical practitioners under certain restrictions. The provision of free treatment at the centres has been advertised in the local papers, circulars explaining the scheme and asking for co-operation to ensure full advantage being taken of its diagnostic and curative functions have been sent to medical practitioners, certified midwives, social workers, etc., in the County, and leaflets, supplied by the Local Government Board and drawing attention to the dangers of venereal diseases and the imperative need for early and efficient treatment, have been issued to persons in a position to distribute them with good effect.

TABLE OF NOTIFICATIONS AND REMOVALS TO HOSPITAL.

The number of Cases treated in Hospital is in each instance inserted in brackets.

	SMALLPOX.			SCARLET FEVER.			DIPHTHERIA AND MEMBRANEOUS GROUP.			ENTERIC FEVER.			TOTALS.		
	1916	1917	1918	1916	1917	1918	1916	1917	1918	1916	1917	1918	1916	1917	1918
URBAN DISTRICTS.															
1 Abingdon Borough	39 (39)	29 (27)	29 (19)	13 (11)	16 (16)	23 (22)	1 (1)	4 (4)	...	53 (51)	49 (47)	52 (41)
2 Maidenhead Borough	37 (30)	52 (45)	15 (13)	13 (12)	14 (13)	16 (15)	1	3	...	51 (42)	69 (58)	31 (28)
3 Newbury Borough	60 (32)	33 (26)	17 (10)	23 (10)	12 (7)	14 (9)	...	...	...	83 (42)	45 (33)	31 (19)
4 New Windsor Borough	8 (7) f	2 (1)	11 (2) f	2	1 (1)	1 (1) f	...	1	1 (1) f	10 (7)	4 (2)	13 (4)
5 Wallingford Borough	1 (1)	1 (1)	2	5 (5)	2 (2)	...	...	...	2	6 (6)	3 (3)
6 Wantage	4 (1)	2	7 (2)	5 (1)	4	10 (6)	...	...	...	9 (2)	6	17 (8)
7 Wokingham Borough	13	63	2	1	6	...	...	...	...	14	69	2
Total	161 (109)	182 (100)	82 (47)	59 (34)	58 (42)	66 (55)	2 (1)	8 (4)	1 (1)	222 (144)	248 (146)	149 (103)
RURAL DISTRICTS.															
1 Abingdon	26 (19)	4 (4)	16 (14) §	12 (9)	19 (14)	27 (27) §	...	2 (1)	4 (1) §	38 (28)	25 (19)	47 (42)
2 Bradfield	8 (4) §	31 (2) §	18 (1) §	6 (1) §	1	8 (1) §	1	1 (1) §	...	15 (5)	33 (3)	26 (2)
3 Cookham	66 (35)	26 (19)	12 (9) d	6 (2)	2 (2)	17 (17) d	...	1	2 (1) +	72 (37)	29 (21)	31 (27)
4 Easthampstead	33 (10)	11 (3)	1	22 (9)	...	7	...	1	...	60 (19)	12 (3)	8
5 Faringdon (Berks)	46 (12) §	10 (3) §	4 (1) §	21 (2) §	12 (9) §	14 (5) §	2 (2) §	...	1 (1) §	69 (16)	22 (12)	19 (7)
6 Hungerford	17 (4) §	25 (15) §	14 (6) §	1	3	...	1	...	14 (6)	19 (4)	28 (15)
7 Newbury	57 (29)	8 (4)	14 (7) b	9 (4)	3 (1)	8 (4) b	5 (2) §	1	1 (1) §	71 (26)	12 (5)	23 (12)
8 Wallingford	9 (7)	11	17 (15) *	2 (1)	...	3 (1) g	1	18	6 (1) g	12 (8)	29	26 (17)
9 Wantage	19 (9) §	25 (4) §	15 (14) §	46 (28) §	5 (1) §	9 (4) §	...	...	...	65 (37)	30 (5)	24 (18)
10 Windsor	5 (2)	2 (2)	7 (3) d	5 (3) *	4 (1)	5 (2) d	...	1	1	10 (5)	7 (3)	13 (5)
11 Wokingham	36	27 (5)	8 (6) **	23	8	3	5 (2)	1	...	64 (2)	35 (5)	11 (6)
Total	310 (118)	172 (47)	137 (85)	166 (65)	55 (19)	104 (61)	14 (6)	27 (2)	15 (5)	490 (189)	254 (80)	256 (151)

* Thirteen to Wallingford and Crowmarsh Isolation Hospital and two to Reading Isolation Hospital.
+ To Maidenhead Cottage Hospital.
** Six to Reading Isolation Hospital.
§ To Abingdon Isolation Hospital.
b To Isolation Hospital, Newbury.
d To Maidenhead Isolation Hospital.
f To Cippenham Hospital.
g To Wallingford and Crowmarsh Isolation Hospital.

ISOLATION HOSPITALS—OTHER THAN SMALLPOX.

	Area Served.	Acres.	Popn. Census, 1911.	Buildings.	Beds.	Dis- eases.	FOR SMALLPOX.
URBAN DISTRICTS.							
Abingdon Borough ...	Abingdon U.D. & R.D., Wantage U.D. & R.D., Faringdon R.D., Bradfield R.D., Hungerford R.D., Newbury R.D., & the Oxfordshire Districts of Wheatley U., Witney U., Witney R., Goring R., Culham R., and the Rural District of Ramsbury in Wilts	472,074	112,451**	permanent ...	32	three	Temporary building. Abingdon U. & R. Districts.
Maidenhead Borough ..	Maidenhead U.D., Cookham R.D., Easthampstead R.D., and three parishes of Windsor R.D. ...	63,205	58,306	temporary ...	24	two	Tents.
Newbury Borough ...	Newbury U. and R. Districts ...	44,216	22,864	temporary ...	28	two	Small isolated house could be used (Site for new Hospital secured). Temporary building. 12 beds.
New Windsor Borough	See footnote <i>c</i> ...	2,717	12,681	... { permanent administrative, temporary ward buildings	...	...	Permanent building. 4 beds. Henley and Wallingford, Smallpox Hospital District.
Wallingford Borough {	Wallingford U. and R. Districts and Crownmarsh R.D. (Oxon)	42,496	14,975	...	15	three	Temporary building. U. and R. Districts.
Wantage ...	See Abingdon Borough	...	...	...	...	...	Tents. Urban and Rural Districts.
Wokingham Borough ...	No hospital ...	557	4,352	...	...	...	See Abingdon Borough. No hospital. See Maidenhead Borough. See Maidenhead Borough. Berthon hospital tents
RURAL DISTRICTS.							
Abingdon ...	See Abingdon Borough	...	...	...	...	...	Temporary building. No hospital, but site acquired. See Wallingford Borough.
Bradfield ...	See Abingdon Borough	...	...	...	...	...	See Wantage Urban. Temporary building. 8 beds. See Wokingham Borough.
Cookham ...	See Maidenhead Borough	...	...	...	...	...
Easthampstead ...	See Maidenhead Borough	...	...	...	...	...
Faringdon* ...	See Abingdon Borough. Faringdon R.D.C. also possess three Berthon hospital tents	...	...	...	...	...
Hungerford ...	See Abingdon Borough	...	...	...	...	...
Newbury ...	See Newbury Borough	...	...	...	...	...
Wallingford ...	See Wallingford Borough	...	...	...	...	...
Wantage ...	See Abingdon Borough	...	...	...	...	...
Windsor ...	See footnote <i>†</i> ...	...	...	...	...	...
Wokingham ...	No hospital <i>b</i> ...	43,844	16,652	...	...	...

* Including Lechlade parish in Gloucestershire.

† Patients from Parish of Old Windsor received into Egham (Surrey) Isolation Hospital and from Parishes of Clewer Without, Sunninghill, and Sunningdale, into Maidenhead Isolation Hospital.

b Patients from Parish of Remenham received into Smith Hospital, Henley.*c* Eton R.D.C. Isolation Hospital available.

** Only enteric cases admitted from Newbury Rural District, the estimated population of which, 10,525, is included in this total.

WATER SUPPLY.

Apart from the provision of a few new connections, no changes were made in the public water supplies during 1918.

SEWERAGE AND REFUSE-DISPOSAL.

No changes worth recording were made during 1918 in the public sewerage or scavenging systems in the County.

ADULTERATED FOODS AND DRUGS.

In the following table the work carried out in the County during 1918, under the sale of Food and Drugs Acts, is summarised. For the particulars I am indebted to the quarterly reports of the Chief Constable, Lt.-Colonel A. F. Poulton, and of the County Analyst, Mr. W. W. Fisher, and also the reports of the Medical Officers of Health of the Boroughs of Newbury and New Windsor.

	No. of Samples.	Number Genuine.	Number Adulterated.	Prosecutions.	Convictions.
Newbury Borough	23	19	4	1	—
New Windsor. Borough	52	52	—	—	—
Remainder of County	190	171	19	2	3
	—	—	—	—	—
Total ...	265	242	23	3	3

The percentage of adulterated samples to the total number taken was 8·67 for the whole County, compared with 6·70 in 1917, 4·34 in 1916, 10·5 in 1915, 4·33 in 1914, 4·77 in 1913, 4·20 in 1912, 5·69 in 1911, 2·11 in 1910, 4·01 in 1909, 4·40 in 1908, 1·64 in 1907, and 4·99 in 1906.

An extended table giving the list of articles examined, is printed at the end of this report. (Table 7).

Of the 76 samples of milk examined, 6 were deficient in fat, and 11 contained added water.

Of the 14 samples of cocoa, 2 contained a mixture of cocoa, starch, and sugar.

Of the 4 samples of lard, 1 was unsatisfactory in quality although not mixed with foreign fat.

THE MIDWIVES ACTS, 1902 AND 1918.

INSPECTION OF MIDWIVES.

During the year ending 31st December, 1918, 140 women gave notice of their intention to practise as Midwives in the County ; of this number, 4 ceased practising and 17 moved out of the County, leaving 119 on the register at the end of the year.

Of these, 90 were working under Nursing Associations or for individual estate owners and 25 were working on their own account. Of the 90 association midwives, all but one had been certified after examination, whereas out of the remaining 25 midwives, 16 had been certified after examination, 9 having been placed on the roll as bona-fide practising midwives at the time the Midwives Act came into force.

The routine inspections numbered 256.

Midwives belonging to the County Nursing Association are inspected by their own Superintendent, Miss G. R. Skinner, who has been appointed by the County Council as " Superintendent of Health Visitors and Midwives throughout the area of the County covered by the Association."

All other Midwives are inspected by Miss A. E. Dutton, one of the whole-time Health Visitors on the County staff.

During the year the following notices were received :—

Stillbirth	...	..	...	...	43
Sending for medical help	...		...	...	251
Death of infants before attendance of a doctor	...			...	3
Laying out dead bodies	...		...	...	30
Liability to be a source of infection	...		...	...	10

Nearly sixty per cent. of the births registered in the County during the year 1918, appear to have been attended by certified midwives, a rather higher proportion than in previous years.

The following list, corrected to March, 1920, shows the distribution of the midwives who have given notice of their intention of practising in the County.

Abingdon	7	Padworth	1
Aldermaston	1	Pangbourne	1
Appleton	1	Shaw-cum-Donnington ...	2
Ardington	1	Shinfield	1
Ashbury	1	Shrivenham	1
Aston Tirrold	2	South Ascot... ..	4
Basildon	1	South Moreton	1
Binfield	1	Spencer's Wood	1
Boar's Hill	1	Stanford in the Vale ...	1
Bracknell	2	Stockcross	1
Bradfield	2	Streatley	1
Braywood	1	Thatcham	1
Brimpton	1	Theale	1
Buckland	1	Upton	1
Burghfield Common ...	1	Wallingford... ..	4
Chieveley	1	Waltham St. Lawrence ...	1
Cholsey	1	Wantage	2
Cold Ash	1	Warfield	1
Crowthorne	3	Welford	1
Didcot	2	Westcott	1
East Hanney	1	White Waltham	2
East Hendred	1	Windsor	6
Englefield	1	Wokingham... ..	2
Faringdon	1	Woodley	1
Grazeley	1	Woolhampton	1
Hampstead Norris ...	1	Yattendon	1
Harwell	2	*Blackwater	1
Holyport	1	*Camberley	1
Hungerford	1	*Caversham	1
Hurst	2	*Dorchester	1
Kintbury	1	*Eynsham	1
Leckhampstead	1	*Henley	1
Longworth	1	*Highworth	1
Maidenhead... ..	5	*Marlow	1
Marcham	1	*Oxford	1
Marlston	1	*Reading	2
Mortimer	1		
Newbury	5		
Old Windsor	2		

STATISTICS, 1918.

TY OF BERKSHIRE.

Age.	Net Death-Rate.			Epidemic Death-Rate.*			Death-Rate from Diarrhœa.*			Death-Rate from Phthisis			Death-Rate from Cancer.			Infantile Mortality.		
1918	1916	1917	1918	1916	1917	1918	1916	1917	1918	1916	1917	1918	1916	1917	1918	1916	1917	1918
15.0	14.3	15.6	16.6	.4	.6	.4	.1	.1	.1	.9	1.0	1.2	1.6	1.3	1.6	62	70	73
14.9	13.1	14.4	15.4	.4	.5	.6	.0	.1	.1	.8	1.0	1.2	1.6	1.5	1.6	56	82	65
14.9	13.4	14.8	15.8	.4	.5	.6	.1	.1	.1	.9	1.0	1.2	1.6	1.5	1.6	58	78	68
14.7	14.5	15.2	16.7	.1	.6	.1	...	...	...	.8	.5	1.4	1.4	2.0	1.6	61	108	38
13.9	13.8	13.0	14.7	.7	.3	.6	.1	.2	.1	1.0	1.3	1.0	1.3	.8	2.0	73	63	89
14.2	14.4	17.5	18.5	.2	.2	.3	...	.1	.2	.9	1.1	1.3	1.8	1.5	2.3	72	90	61
17.2	15.6	17.0	14.7	.5	1.6	.2	.3	...	.1	.9	1.0	1.3	1.8	1.7	2.1	63	49	68
15.3	16.0	18.5	17.6	..	.8	.8	...	...	...	.4	.4	2.0	2.9	2.1	1.2	19	73	97
16.1	11.0	15.0	19.3	.6	.3	.9	...	...	.3	.6	.7	1.2	1.2	1.3	.9	67	3	135
14.3	13.7	16.0	16.5	.5	.2	...	...	...	...	1.5	1.5	1.2	1.0	.5	1.4	26	67	76
14.0	14.4	13.7	17.7	1.0	.6	1.1	.1	.1	.1	1.0	.8	1.4	1.4	1.6	1.6	115	125	129
12.9	11.6	14.5	15.4	.2	.3	.4	.1	.2	.1	.9	.8	1.2	.9	2.0	1.6	33	74	61
15.6	12.7	14.7	12.4	.3	.4	.7	...	...	.1	.7	1.1	.1	1.8	1.9	1.0	34	88	51
14.2	11.5	16.3	15.2	.3	.3	.5	.1	.2	.1	.5	.8	.9	1.7	1.3	1.2	40	86	72
15.5	16.3	16.2	15.4	.5	.2	.9	.1	.1	.3	.4	.6	1.2	1.4	2.5	2.1	80	59	38
16.3	14.7	14.7	17.7	.5	.3	1.3	...	...	...	.1	1.1	1.1	2.0	.8	1.6	56	76	44
12.9	13.5	14.3	16.3	.2	.3	.1	.1	.1	...	1.1	.7	.9	2.0	1.4	2.4	91	52	62
16.5	14.0	12.7	13.4	.3	.6	.3	..	.5	..	.6	1.5	1.5	1.5	.3	1.2	40	69	72
15.3	11.9	14.3	15.9	.3	.3	.9	.1	...	..	.8	1.3	.5	1.8	1.3	1.9	47	81	68
15.1	11.7	12.6	15.1	.3	.4	.8	.1	.2	.1	1.3	.9	1.9	1.2	1.4	1.8	49	84	84
16.2	14.0	13.7	14.7	.5	.8	.1	...	.3	.1	1.3	1.2	2.0	2.0	1.5	1.7	58	87	42

...ding Enteric) and Diarrhœa. Deaths from Diarrhœa at ages above 2 years are excluded, but deaths from Enteritis

...tion only.

TABLE 2.—NOTIFICATIONS OF INFECTIOUS DISEASE AND ATTACK-RATES, 1918,
TAKEN FROM
A REPORT ISSUED BY THE MINISTRY OF HEALTH.

	Estimated Civil Population in the middle of 1918.	Smallpox.		Scarlet Fever.		Diphtheria.		Enteric Fever		Puerperal Fever.		Erysipelas.	
		Cases.	Rate.	Cases	Rate.	Cases.	Rate.	Cases.	Rate.	Cases.	Rate.	Cases.	Rate.
COUNTY OF BERKS.													
ADMINISTRATIVE COUNTY...	171,896	...	...	222	1.29	168	0.98	15	0.09	4	0.02	28	0.16
AGGREGATE OF BOROUGH AND URBAN DISTRICTS	53,553	...	...	84	1.57	67	1.25	1	0.02	1	0.02	14	0.26
AGGREGATE OF RURAL DISTRICTS	118,343	...	...	138	1.17	101	0.85	14	0.12	3	0.03	14	0.12
BOROUGH AND URBAN DISTRICTS													
Abingdon ...	6,108	..	..	29	4.75	23	3.77	...	...	..	...	3	0.49
Maidenhead ...	15,080	...	...	14	0.93	17	1.13	...	...	1	0.07	3	0.20
Newbury ...	11,270	...	...	18	1.60	14	1.24	...	...	...	...	1	0.09
New Windsor ...	11,384	...	...	13	1.14	1	0.09	1	0.09	...	...	3	0.26
Wallingford ...	2,386	...	...	1	0.42	2	0.84	...	...	...	...	2	0.84
Wantage ...	3,269	...	...	7	2.14	10	3.06	...	...	...	...	1	0.31
Wokingham ...	4,056	...	...	2	0.49	..	...	...	...	...	...	1	0.25
RURAL DISTRICTS.													
Abingdon...	8,825	..	...	16	1.81	27	3.06	4	0.45	1	0.11	...	...
Bradfield ..	12,372	...	...	16	1.29	8	0.65	...	...	...	...	1	0.08
Cookham ..	11,190	...	...	12	1.07	17	1.52	2	0.18	...	...	2	0.18
Easthampstead	14,759	...	...	1	0.07	7	0.47	...	...	1	0.07	...	..
*Faringdon (part of)	8,862	...	...	5	0.56	14	1.58	1	0.11	1	0.11	1	0.11
Hungerford	7,397	...	...	25	3.38	3	0.41	...	...	...	...	...	...
Newbury ..	9,904	...	...	14	1.41	7	0.71	1	0.10	...	...	2	0.20
Wallingford	5,947	...	...	17	2.86	3	0.50	6	1.01	...	...	1	0.17
Wantage ...	10,258	...	...	15	1.46	8	0.78	...	...	...	...	1	0.10
Windsor ...	13,345	...	...	7	0.52	5	0.37	...	...	...	...	5	0.37
Wokingham	15,484	...	...	10	0.65	2	0.13	...	...	...	...	1	0.06
* The remaining part of the Rural District of Faringdon is in the Administrative County of Gloucester.													
The figures for the entire rural district are:—													
9,792	...	...	...	8	0.82	14	1.43	1	0.10	1	0.10	1	0.10

TABLE 3.—NOTIFICATIONS OF INFECTIOUS DISEASE, 1918.

DISEASES NOTIFIED.	Cases notified in Urban Districts.							Cases notified in Rural Districts.														
	Abingdon Borough.	Maidenhead Borough.	Newbury Borough.	New Windsor Borough.	Wallingford Borough.	Wantage.	Wokingham Borough.	Total Urban Districts	Abingdon.	Bradfield.	Cookham.	Easthampstead.	Farlington (Berks portion).	Hungerford.	Newbury.	Wallingford.	Wantage.	Windsor.	Wokingham.	Total Rural Districts.	Total County.	
1 Smallpox
2 Cholera
3 Plague...
4 Diphtheria and Membranous Croup	23	16	14	1	2	10	...	66	27	8	17	7	14	3	8	3	9	5	3	104	170	
5 Erysipelas	3	3	...	3	2	1	1	13	1	...	2	...	1	1	2	1	1	5	1	15	28	
6 Scarlet Fever	29	15	17	11	1	7	2	82	16	18	12	1	4	25	14	17	15	7	8	137	219	
7 Typhus Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	...	...	...	...	...
8 Enteric Fever	...	...	...	1	...	...	...	1	4	...	2	...	1	...	1	...	...	1	...	15	16
9 Relapsing Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10 Continued Fever	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
11 Puerperal Fever	...	1	1	...	...	...	...	1	1	...	1	1	1	...	1	...	...	...	1	4	5
12 Cerebro-spinal Meningitis	1	1	1	...	...	...	...	3	1	...	1	...	...	...	...	...	...	...	...	3	6
13 Poliomyelitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	2
14 Ophthalmia Neonatorum	2	9	2	4	...	...	1	18	...	1	2	1	...	...	1	...	1	2	...	8	26
15 Measles	4	169	153	12	2	48	...	388	39	95	114	124	73	109	134	101	197	48	145	1179	1567	
16 German Measles	6	22	...	...	...	1	1	30	4	7	17	13	5	1	3	...	2	10	8	70	100
17 Pulmonary Tuberculosis	8	31	17	22	2	8	20	108	9	15	22	24	21	12	13	8	36	33	26	219	327	
18 Tuberculosis other than Pulmonary	1	7	3	1	...	...	...	12	1	1	12	1	...	...	1	...	3	5	5	29	41
Totals	77	274	207	55	9	75	25	722	103	145	201	173	121	151	178	136	264	116	197	1785	2507	

TABLE 4.—CAUSES OF, AND AGES AT, DEATH, 1918.

ADMINISTRATIVE COUNTY OF BERKS.

CAUSE OF DEATH.	Net Deaths at the subjoined Ages of "Residents," whether occurring within or without the County.								
	All ages.	Under 1 year.	1 and under 2 years.	2 and under 5 years.	5 and under 15 years.	15 and under 25 years.	25 and under 45 years.	45 and under 65 years.	65 and upwards.
Euteric Fever ...	6	...	...	...	...	2	...	4	..
Smallpox ...	...	...	...	...	...	...	...	...	...
Measles ...	24	3	8	5	6	...	2	...	...
Scarlet Fever ...	1	...	...	...	1	...	...	...	...
Whooping Cough ...	40	18	10	9	2	...	1	...	...
Diphtheria and Croup	13	...	...	8	4	...	1	...	...
Influenza ...	514	12	21	23	43	81	194	81	59
Erysipelas ...	1	..	...	...	...	...	1	...	...
Phthisis ...	218	...	1	...	7	28	102	67	13
Tuberculous Meningitis	12	...	1	2	8	...	...	1	...
Other Tuberculous Diseases	27	...	3	1	3	3	10	7	...
Cancer Malignant Disease	286	...	..	...	1	1	23	117	144
Rheumatic Fever ...	4	...	...	...	1	1	1	1	...
Meningitis (<i>not Tuberc.</i>)	13	2	...	...	3	2	3	1	2
Organic Heart Disease	221	...	...	...	2	2	10	49	158
Bronchitis ...	158	14	7	3	4	1	3	18	108
Pneumonia (all forms)	154	21	9	12	10	8	28	25	41
Other Diseases of Respiratory Organs	28	3	1	...	1	2	7	8	6
Diarrhoea and Enteritis	23	14	1	...	1	1	...	2	4
Appendicitis and Typhlitis	15	...	..	2	4	3	3	3	..
Cirrhosis of Liver ...	5	...	...	...	...	...	...	3	2
Alcoholism ..	...	..	...	...	...	...	...	...	...
Nephritis and Bright's Disease ...	67	..	...	...	3	...	8	20	36
Puerperal Fever ...	3	...	...	...	...	1	2	...	...
Other Accidents and Diseases of Pregnancy and Parturition	10	...	...	...	..	...	10	...	...
Congenital Debility and Malformation, including Premature Birth	67	67	...	...	..	...	...	...	...
Violent Death, excluding Suicide	56	8	1	3	11	8	11	7	7
Suicide ...	15	..	...	...	...	1	3	8	3
Other Defined Diseases	721	34	5	8	8	9	42	154	461
Diseases ill-defined or unknown ...	10	1	...	...	...	...	2	5	2
All Causes ...	2712	197	68	76	123	154	467	581	1046

TABLE 5.—CAUSES OF, AND AGES AT, DEATH, 1918

URBAN DISTRICTS.

Cause of Death.	Deaths belonging to all Urban Districts.								Deaths belonging to each District, (at all ages).							
	All Ages.	Under 1 year.	1 and under 2.	2 and under 5.	5 and under 15.	15 and under 25.	25 and under 45.	45 and under 65.	65 and upwards.	Abingdon Borough.	Maidenhead Borough.	Newbury Borough.	New Windsor Borough.	Wallingford Borough.	Wantage.	Wokingham Borough.
Enteric Fever ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Small Pox ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles	2	...	2	...	...	...	...	...	...	...	1	1	...	...	...	...
Scarlet Fever ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Whooping Cough ...	13	7	1	5	...	...	...	...	...	...	7	1	2	2	1	...
Diphtheria and Croup ...	3	...	...	2	1	...	...	...	...	1	...	...	...	...	2	...
Influenza	180	5	5	6	12	30	64	31	27	37	57	31	19	9	19	8
Erysipelas ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Phthisis	68	...	...	...	1	7	32	25	3	9	15	15	15	5	4	5
Tuberculous Meningitis	4	...	...	1	2	...	...	1	...	1	...	...	...	1	1	1
Other Tuberculous Diseases ...	5	...	1	..	1	1	1	1	...	2	1	..	1	...	1	...
Cancer, Malignant Disease ...	89	...	...	..	...	1	7	36	45	10	18	26	23	3	3	6
Rheumatic Fever ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Meningitis (<i>not Tuberc.</i>) ...	5	1	..	..	2	1	...	1	...	1	2	1	1	...	...	...
Organic Heart Disease...	68	...	...	...	...	...	3	16	49	6	16	17	15	6	...	8
Bronchitis	60	3	5	1	2	...	...	6	43	14	17	14	8	...	3	4
Pneumonia (all forms) ...	45	7	3	2	2	3	8	6	14	4	8	6	17	..	4	6
Other Diseases of Respiratory Organs...	10	1	1	...	1	...	1	4	2	...	..	1	4	..	3	2
Diarrhoea and Enteritis..	9	6	...	...	...	1	...	1	1	...	2	2	1	...	1	3
Appendicitis and Typhlitis ...	7	...	...	1	1	2	2	1	...	1	..	2	2	1	...	1
Cirrhosis of Liver	2	...	...	...	...	...	...	2	...	...	1	1	...	...	...	...
Alcoholism ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nephritis and Bright's Disease ...	24	...	...	..	1	..	4	7	12	...	9	8	4	1	..	2
Puerperal Fever	2	...	...	..	...	1	1	..	...	...	1	...	1	...	...	...
Other Accidents and Diseases of Pregnancy and Parturition ...	4	...	...	..	...	..	4	...	...	...	...	1	2	...	1	...
Congenital Debility and Malformation, including Premature Birth...	24	24	...	...	...	...	...	...	...	2	6	4	7	1	2	2
Violent Death, excluding Suicide	13	5	...	...	2	1	3	1	1	...	7	1	2	1	1	1
Suicide	4	...	..	..	...	1	...	3	...	2	2	...	...	...	...	...
Other Defined Diseases...	247	9	...	1	3	4	21	55	154	30	52	79	43	12	16	15
Diseases ill-defined or unknown...	2	...	...	..	..	..	...	1	1	1	..	...	...	..	1	...
All Causes	890	68	18	19	31	53	151	198	352	121	222	211	167	42	63	64

TABLE 6.—CAUSES OF,
RURAL

CAUSE OF DEATH.	Deaths belonging to all Rural					
	All Ages	Under 1 year	1 and under 2	2 and under 5	5 and under 15	15 and over
Enteric Fever	6	...	...	...	...	...
Smallpox ... ..	...	...	...	...	...	...
Measles	22	3	6	5	6	...
Scarlet Fever	1	...	...	...	1	...
Whooping Cough	27	11	9	4	2	...
Diphtheria and Croup	10	...	...	6	3	...
Influenza	334	7	16	17	31	...
Erysipelas	1	...	...	...	...	...
Phthisis	150	...	1	...	6	...
Tuberculous Meningitis	8	...	1	1	6	...
Other Tuberculous Diseases	22	...	2	1	2	...
Cancer, Malignant Disease	197	...	...	...	1	...
Rheumatic Fever	4	...	...	...	1	...
Meningitis (<i>not Tuberculous</i>)	8	1	...	...	1	...
Organic Heart Disease	153	...	...	...	2	...
Bronchitis	98	11	2	2	2	...
Pneumonia (all forms)	109	14	6	10	8	...
Other Diseases of Respiratory Organs	18	2	...	...	...	...
Diarrhea and Enteritis	14	8	1	...	1	...
Appendicitis and Typhlitis	8	...	...	1	3	...
Cirrhosis of Liver	3	...	...	...	...	...
Alcoholism ... ..	...	...	...	...	...	...
Nephritis and Bright's Disease	43	...	...	...	2	...
Puerperal Fever	1	...	...	...	...	...
Other Accidents and Diseases of Pregnancy and Parturition	6	...	...	...	...	...
Congenital Debility and Malformation, including Premature Birth	43	43	...	...	...	...
Violent Death, excluding Suicide	43	3	1	3	9	...
Suicide	11	...	...	...	...	...
Other Defined Diseases	474	25	5	7	5	...
Diseases ill-defined or unknown	8	1	...	...	...	...
All causes	1822	129	50	57	92	...

AGES, AT DEATH, 1918.

CTS.

s.		Deaths belonging to each District (At all Ages).										
45 and under 65	65 and up- wards	Abingdon	Bradfield	Cookham	Easthampstead	Faringdon, (Berks Portion.)	Hungerford	Newbury	Wallingford	Wantage	Windsor	Wokingham
4	...	1	2	1	...	...	...	...	1	...	1	...
...
...	...	3	1	3	2	3	4	...	...	4	2	...
...	...	...	...	...	...	...	...	...	...	...	1	...
...	...	1	1	2	5	...	5	1	1	5	5	1
...	...	4	...	1	...	2	1	...	...	1	1	...
50	32	29	38	22	47	24	34	34	13	32	31	30
...	...	...	...	...	...	...	...	...	...	...	...	1
42	10	13	15	10	14	11	8	...	9	...	26	30
...	...	...	2	1	...	...	...	1	...	3	1	...
6	...	2	1	1	2	...	2	...	...	3	5	6
81	99	15	20	12	18	19	12	24	7	20	24	26
1	...	...	...	...	1	...	...	1	...	1	...	1
...	2	...	...	2	1	1	1	1	...	...	2	...
33	109	7	21	17	13	22	8	17	5	11	9	23
12	65	9	8	8	10	6	11	8	3	8	15	12
19	27	10	13	10	11	16	3	10	4	9	15	8
4	4	2	4	1	1	...	1	1	2	2	1	3
1	3	1	1	1	1	3	...	...	...	...	1	6
2	...	1	...	1	...	2	...	...	...	1	1	2
1	2	...	...	...	1	...	...	...	...	...	1	1
...
13	24	1	6	4	6	4	2	4	2	1	6	7
...	...	...	...	...	1	...	...	...	...	...	...	...
...	...	...	2	1	...	...	...	...	...	1	...	2
...	...	7	3	5	3	...	3	3	5	5	7	2
6	6	1	1	7	4	2	1	2	4	7	6	8
5	3	1	...	...	3	...	...	1	1	...	4	1
99	307	47	52	29	79	33	34	42	23	43	48	44
4	1	1	...	...	1	...	1	3	...	1	...	1
383	694	156	191	139	224	148	131	162	80	163	213	215

